Title (en)
INTERNAL COPY TO HANDLE NAND PROGRAM FAIL

Title (de)
INTERNE KOPIE ZUR HANDHABUNG EINES NAND-PROGRAMMAUSFALLS

Title (fr)
COPIE INTERNE POUR GÉRER UN ÉCHEC DE PROGRAMME NAND

Publication
EP 3503107 A1 20190626 (EN)

Application
EP 18207611 A 20181121

Priority
US 201715852785 A 20171222

Abstract (en)
An embodiment of a semiconductor package apparatus may include technology to attempt to program data in a first portion of a nonvolatile memory, determine if the attempt was successful, and recover the data to a second portion of the nonvolatile memory with an internal data move operation if the attempt is determined to be not successful. Other embodiments are disclosed and claimed.

IPC 8 full level
G11C 11/56 (2006.01); G11C 16/04 (2006.01); G11C 16/10 (2006.01); G11C 16/34 (2006.01)

CPC (source: CN EP KR US)
G06F 3/0647 (2013.01 - CN); G06F 3/065 (2013.01 - CN); G06F 3/0679 (2013.01 - CN); G06F 11/0796 (2013.01 - KR);
G06F 11/1402 (2013.01 - KR); G06F 11/1458 (2013.01 - CN); G06F 11/1666 (2013.01 - KR); G11C 11/5621 (2013.01 - EP US);
G11C 11/5628 (2013.01 - EP US); G11C 11/5642 (2013.01 - EP US); G11C 16/0483 (2013.01 - EP US); G11C 16/10 (2013.01 - EP US);
G11C 16/102 (2013.01 - EP US); G11C 16/34 (2013.01 - EP US); G11C 16/3404 (2013.01 - EP US); G11C 16/3409 (2013.01 - EP US);
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G11C 16/3463 (2013.01 - EP US); G11C 29/72 (2013.01 - US); G11C 29/74 (2013.01 - US)

Citation (search report)
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- [XI] US 2010318721 A1 20101216 - AVILA CHRIS NGA YEE [US], et al

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US2022301652A1; US11532373B2; US11709727B2; US11837307B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3503107 A1 20190626; EP 3503107 B1 20220406; CN 110045916 A 20190723; JP 2019114318 A 20190711; JP 7168287 B2 20221109;
KR 20190076847 A 20190702; US 10658056 B2 20200519; US 2019180830 A1 20190613

DOCDB simple family (application)
EP 18207611 A 20181121; CN 201811398932 A 20181122; JP 2018192866 A 20181011; KR 20180142627 A 20181119;
US 201715852785 A 20171222